

## Claims

- [1] A heater-mounting structure of a dishwasher, comprising;  
a sump housing for storing a washing water; and  
a heater disposed inside the sump housing.
- [2] The heater-mounting structure according to claim 1, wherein the sump housing includes a heater receiving portion for receiving a heater.
- [3] The heater-mounting structure according to claim 2, wherein the heater receiving portion is a hole with a predetermined depth and area enough to receive the heater.
- [4] The heater-mounting structure according to claim 1, wherein the heater receiving portion is disposed in a lower portion of the sump housing.
- [5] A heater-mounting structure of a dishwasher, comprising;  
a sump housing for storing a washing water;  
a heater inserted into the sump housing; and  
a washing motor installed in a lower portion of the sump housing.
- [6] The heater-mounting structure according to claim 5, wherein a heater insertion hole is formed on a sidewall of the sump housing.
- [7] The heater-mounting structure according to claim 5, wherein the heater includes a heating portion and a sealing case formed on an end portion of the heating portion.
- [8] The heater-mounting structure according to claim 7, wherein the heating portion is inserted into the sump housing.
- [9] The heater-mounting structure according to claim 5, wherein the heater includes a tightening member for fixing the heater to the sump housing.
- [10] The heater-mounting structure according to claim 9, wherein the tightening member closely attaches the heater to the sump housing by pressing a predetermined portion of the heater.
- [11] The heater-mounting structure according to claim 9, wherein the tightening member fixes the heater by pressing a predetermined portion of the heater after inserting the heater.
- [12] The heater-mounting structure according to claim 5, wherein the sump housing includes a heater receiving portion in which the heater is received, the heater receiving portion having a predetermined depth and area enough to store the a washing water.
- [13] The heater-mounting structure according to claim 5, wherein the heater is bent several times, and a center of the heating portion has a little wider interval to prevent the interference with a motor shaft of the washing motor.

- [14] A heater mounted in a dishwasher washing dishes received therein, the dishwasher having a washing motor with a motor shaft and a sump housing for storing a washing water, wherein a heating portion of the heater is disposed inside the sump housing and is bent at least one times.
- [15] The heater according to claim 14, wherein the heating portion is spaced apart from the motor shaft by a predetermined distance.
- [16] The heater according to claim 14, wherein a center of the heating portion becomes wider towards outside.
- [17] The heater according to claim 14, wherein a sealing case is mounted on the end portion of the heating portion.